

Manufacture of Alcohols by the Oxidation of
Paraffins. Part 9. Adsorptive Separation of
Alcohol Mixtures, by H. Nobori.

JAPANESE, per, Kogyo Kagaku Zasshi,

Vol 47, No 1, 1944, pp 16-17.

ATS-1774

Sci
Dec 60

368,707

Nagai, R.
STUDIES ON DIRECT SEPARATION OF BROMINE
FROM SEA WATER, REPTS. 6-11. [1964] 63p (figs
omitted)
Order from SLA \$6.60

TT-64-10732

Trans. of Kogyo Kagaku Zasshi (Japan) 1944, v. 47,
no. 1 [p. 33-46].

(Engineering--Chemical, TT, v. 11, no. 12)

TT-64-10732

I. Nagai, R.

Office of Technical Services

The Stability of Nitro-Cellulose, Part V and VI,
by Saduyochi, Watanabe

Kenny *Kashi*
JAPANESE, per *Kashi* *Nagaku Kashi*, Vol XLVII, 1944,
pp 57-61.

#
TPA3/TIB T4189

Scientific - Chemistry
CIS/DEX

8879

Hydrogenation of Furfural and Furfuryl Alcohol
(Report 4) Synthesis of Furfuryl Alcohol From
Furfural by Combination of Copper Oxide-Chrome
Oxide Catalyst and Nickel-Diatomaceous Earth
(Kieselguhr), by Katsumo.

Kogyo Kagaku Zasshi
JAPANESE, per, J Soc Chem Ind Japan, Vol
XLVII, 1944, pp 103-106.

INADOC-F1789

Sci - Chem
Jun 59

89,407

Murata, Jiro.
DETERMINATION OF ACETYLENE AND MONO-
VINYLACETYLENE IN A MIXTURE. [1961] 8p.
Order from SLA \$1.10 61-16496

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1944, v. 47
[no. 2] p. 202-203.

DESCRIPTORS: *Acetylenes, Vinyl radicals, Determination.

The acetylide-silver nitrate complex derived from MVA was decomposed by sodium chloride so that the method applicable to acetylene was unsatisfactory for the determination of MVA. A satisfactory procedure for MVA was developed. (Author)

(Chemistry--Analytical, TT, v. 6, no. 6)

61-16496

I. Murata, J.

176530

Office of Technical Services

The Stability of Nitro-Cellulose: Part VII,
by Sadayoshi, Watanabe

1944 *Daishi*
JAPANESE, ~~per, *Watanabe*~~ *Watanabe*, Vol XLVII, 1944,
pp 223-225.

TFA3/TIB T 4192

Scientific - Chemistry
CIS/DSX

8880

Secondary Hydrogenation of Oil (Obtained by the
Liquefaction of Coal, by Masatake Kurokawa,
Yoshio Hamayashi, Ryoji Shinagawa, 8 p.

JAPANESE, per, Kogyo Kagaku Zasshi, 1944, Vol XLVII
No 5, pp 455-461.

SIA 60-10035

Sci
Apr 60
Vol XII, No 3

112,102

Manufacture of Alcohols by the Oxidation of
Paraffins, Part 10. Oxidation of 120°F Paraffin.
Part 11. Studies of Oxidation Catalysts, by
H. Ichihori,
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 47, No 5, 1944, pp 473-477.
ATS-4775

Sci
Dec 68

368,708

Manufacture of Alcohols by the Oxidation of
Paraffins. Part 12. Oxidation of Tricosane
(Saturated Hydrocarbon) and the Composition of
Oxidation Products, by H. Nobori.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 47, No 6, 1944, pp 595-598.
ATS-4776

Sci
Dec 68

368,709

Studies on Treatment Methods for Low-Temperature
Tar II. Preparation of Gasoline From Low-Temperature
Tar, by Tadamu Kuwata, Hidehiko Ueda, 3 pp.

JAPANESE, per, ~~Kogyo Kagaku Zasshi~~, Vol. XLVII,
No 7, 1944, pp 627-629.

SLA 60-10034

Sci

Jun 66

118,321

63-14154

Ueno, Itaru.
MANUFACTURE OF ANHYDROUS MAGNESIUM
CHLORIDE FROM MAGNESIUM OXIDE AND AMMO-
NIUM CHLORIDE AS RAW MATERIALS. I. EXPERI-
MENT ON CALCINATION BELOW 300°. II. EFFECT
OF EXCLUDING AIR DURING CALCINATION. [1963]
15p. 9 refs.

Order from SLA \$1.60

63-14154

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1944, v. 47,
p. 849-853.

DESCRIPTORS: *Magnesium compounds, *Chlorides,
Oxides, *Ammonium compounds, *Low temperature
research, Air.

I. Ueno, I.
II. Title: Experiment ...
III. Title: Effect ...

(Chemistry--Physical, TT, v. 10, no. 2)

Office of Technical Services

Secondary Hydrogenation Under Super-High Pressure
of Oil Obtained by the Liquefaction of Coal, by
Kurohawa Masatake, Fujiwara Koze.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol XLVIII,
No 3, 1945, pp 40, 41.

Dept of Interior
TWI E57 No 271
SLA 60-10272

Sci - Chemistry
Jan 61

136,074

63-14707

Ueno, Itaru.
MANUFACTURE OF ANHYDROUS MAGNESIUM
CHLORIDE FROM MAGNESIUM OXIDE AND
AMMONIUM CHLORIDE AS RAW MATERIALS,
PTS. III-V. [1963] 19p.
Order from SLA \$1.10

63-14707

Trans. of Kogyo Kagaku Zasshi (Japan) 1945, v. 48,
p. 65-67.

DESCRIPTORS: *Magnesium compounds, *Chlorides,
*Oxides, *Ammonium compounds, Iron compounds,
Silicon compounds, Aluminum compounds, Calcium
compounds, Carbonates, Magnesite, Pyrolysis.

Contents:

Relationship of generation of ammonia gas and the mix-
ing ratio of raw materials to the purity and yield of
magnesium chloride
Reaction between ammonium chloride and ferric oxide,
silica, alumina, lime, calcium carbonate or mag-
nesium carbonate, and the reaction mechanism of this
(Chemistry--Inorganic, TT, v. 10, no. 5) (over)

1. Ueno, I.

Office of Technical Services

Okamura, Seizo, Torii, Kei and others.
EMULSION POLYMERIZATION OF VINYL ACETATE
UNDER VARIOUS CONDITIONS. Rept. no. 1 of
Studies on the Emulsion Polymerization of Vinyl
Acetate. [1960] 6p. 4 refs.
Order from SLA ml\$1.80, ph\$1.80 60-18888

Trans. of Kogyo Kagaku Zasshi (Japan) 1946, v. 49,
no. 1/2, p. 20-21.

142, 530

60-18888

1. Vinyl acetate--
Polymerization
2. Title: Emulsion
polymerization
- I. Okamura, S.
- II. Torii, K.
- III. Title: Studies...

Trans. of Kogyo Kagaku Zasshi (Japan) 1946, v. 49, no. 1/2, p. 20-21.

60-18889

Okamura, Seizo and Torii, Kei.
SOLUBILITY OF VINYL ACETATE TOWARD WATER.
Rept. no. 2 [of Studies on the Emulsion Polymerization
of Vinyl Acetate]. [1960] [4]p. 2 refs.
Order from SLA mi\$1.80, ph\$1.80 60-18889

Trans. of Kogyo Kagaku Zasshi (Japan) 1946, v. 49,
no. 1/2, p. 22.

See also 60-18888

142,829

1. Vinyl acetate--Solubility
2. Title: Emulsion
polymerization
- I. Okamura, S.
- II. Torii, K.
- III. Title: Studies...

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 2)

Okamura, Seizo, Oshima, Yoshihiko, and Torii, Kei.
BEHAVIOR OF PERSULFATES IN THE EMULSION
POLYMERIZATION OF VINYL ACETATE. Rept. no. 3
[of Studies on the Emulsion Polymerization of Vinyl
Acetate]. [1960] [5]p.
Order from SLA mi\$1.80, ph\$1.80 60-18890

Trans. of Kogyo Kagaku Zasshi (Japan) 1946, v. 49,
no. 1/2, p. 22-23.

See also 60-18889

142,826

60-18890

1. Vinyl acetate--
Polymerization
2. Sulfates--Chemical effects
3. Title: Emulsion
polymerization

- I. Okamura, S.
- II. Oshima, Y.
- III. Torii, K.
- IV. Title: Studies...

Office of Technical Services

(Chemistry--Organic. TT, v. 5, no. 2)

60-18891

Okamura, Seizo.
EMULSION POLYMERIZATION OF VINYL ACETATE
IN WATER SOLUTION. Rept. no. 4 [of Studies on the
Emulsion Polymerization of Vinyl Acetate]. [1960] [5]p.
1 ref.

Order from SLA mi\$1.80, ph\$1.80 60-18891

Trans. of Kogyo Kagaku Zasshi (Japan) 1946, v. 49,
no. 1/2, p. 23-24.

See also 60-18890

142,825

1. Vinyl acetate--
Polymerization
2. Title: Emulsion
polymerization
1. Okamura, S.
- II. Title: Studies...

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 2)

Otsuki, Hiroshi, Okano, Ichiro, and Takeda,
Takamasa.

AN INVESTIGATION OF THE SYNTHESIS OF
VINYLCARBAZOLE, PTS. 1-2. [1961] 8p.

Order from SLA \$1.10

61-20930

Trans. of Kogyo Kagaku Zasshi (Japan) 1946, v. 49,
p. 169-170.

DESCRIPTORS: *Carbazoles, *Vinyl radicals, Ethyl
radicals, Synthesis, Dehydration.

Contents:

The synthesis of N-ethylcarbazole

The synthesis of N-vinylcarbazole by dehydration of
the N-ethylcarbazole.

61-20930

I. Otsuki, H.

II. Okano, I.

III. Takeda, T.

(Chemistry--Organic, TT, v. 7, no. 10)

Office of Technical Services

Studies on Aliphatic Higher Alcohols. Part 1. Separation of Octyl and Decyl Alcohols. Part 2. Isolation of Pure Lauryl Alcohol from Industrial Grade Lauryl Alcohol, by S. Ueno, S. Komori.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 49, No10-11, 1946, pp 161-62.
ATS-JB-258

Sci-Chem
Mar 70

403,921

TT-64-14664

Nozaki, H. and Hirayama, T.
ELECTROMOTIVE PHENOMENA BETWEEN METAL-
LIC ALUMINUM AND VARIOUS ALUMINUM
SALTS. [1963] 4p (fig omitted)
Order from SLA \$1.10

TT-64-14664

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1948, v. 51,
p. 3-4.

I. Nozaki, H.
II. Hirayama, T.
III. Miyauchi, K.

(Chemistry--Physical, TT, v. 11, no. 12)

Office of Technical Services

The Active Materials of Alkaline Storage Cell. III.
State of Charged Products on the Positive Plate,
by T. Okada, T. Shiraishi, 8 pp.

Kogyo Kagaku Zasshi
JAPANESE, per, J. Chem Soc, Vol LII, 1949, pp 37-39,
1949.

S.L.A. Tr 57-249

Sci - Chemistry
May 57

48, 749

Alpha Olefins, Report No. 3. Catalytic
Dehydration of Alcohols by Alumina and
Phosphoric Acid, by T. Asahara.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 52,
No 2, 1949, pp 52-53.
SLA TT-66-10623

Sci-Chem
Jul 66

305,527

Conversion of Low-Temperature Tar Into Fuel Oil;
Catalytic Reduction of Aniline, Pyridine, Ethoxy-
benzene, and Furfural Under Atmospheric Pressure,
by Wataru Funahashi, et al.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LII, No 4,
Jun 1949, pp 146, 149.

Dept of Interior
TW7 E57 No 257

Sci - Chem
Nov 60

SLA 60-10027
vol 3, nos 133, 418

Mandai, Hikojiro.
REACTIONS IN THE CARBONATING TOWER OF THE
AMMONIA-SODA PROCESS, PT. I. [1963] 5p. (figs.
tables omitted). 3 refs.
Order from SLA \$1.10

63-14155

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1949, v. 52,
p. 171-173.

DESCRIPTORS: Chemical reactions, *Towers
(Chemistry), *Carbonates, *Ammonia, *Ammonium
radicals, *Sodium compounds, Chlorides, Chemical
indicators.

(Engineering--Chemical, TT, v. 10, no. 4)

63-14155

I. Mandai, H.

Office of Technical Services

Research on Dielectrics (Reports II and III), by
M. Horio, S. Onogi, G. Kimura, 19 pp.

JAPANESE, per, ^{Kogyo} ~~Nihon Kagaku Zasshi~~, Vol LII, 1949,
pp 259-263.

CIA/FDD XX-380
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics, ions
Jan 58
IAC INTERNAL USE ONLY

57,579

Mandai, Hikojiro.
REACTION IN THE CARBONATING TOWER OF
AMMONIA-SODA PROCESS, PTS. III-IV. [1963] 13p.
(figs. tables omitted) 3 refs.
Order from SLA \$1.60

63-14156

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1949, v. 52,
p. 267-273.

DESCRIPTORS: Chemical reactions, *Towers
(Chemistry), *Carbonates, *Carbamates, Phase
studies, *Ammonia, *Ammonium radicals, *Sodium
compounds, Chlorides.

(See also 63-14155)

(Engineering--Chemical, TT, v. 10, no. 4)

63-14156

I. Mandai, II.

Office of Technical Services

Diaphragms for Electrolysis: Parts 2 and 3,
by Takeo Matsuno.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol
52, 1949, pp 281-284.

NASA TT F-11,846

Sci-Chem
Mar 69

378,994

(FOUO 19822)

Researches on the Solvent Refining of Shale Oils and
on the Polymerization Testing of Refined Oils, by
Amagasa, 57 pp.

Full translation.

JAPANESE, no par, Kogyo Kagaku Zasshi, Tokyo, Vol LII,
No 8, Dec 1949, pp 319-323; Vol LXXI, No 1, Jan 1950,
pp 12-13, No 2, Feb 1950, pp 65-66, No 3, Apr 1950,
pp 116-118 [sic], No 4, May 1950, pp 155-157.

CIA/FDD/U-5587

FM - Japan

Feb 54

10,352
Sci - Chemistry, petroleum refining Copyright

The Active Materials of the Alkaline Storage Cell.
IV. Activities of Nickelous Hydrozides, by
T. Okada, T. Shiraishi, T. Yasuhara, 5 pp.

Kogyo Kagaku Zasshi
JAPANESE, ~~PER~~, J. Chem. Soc, Vol LIII, 1950,
pp 5-7.

S.L.A. Tr 57-250

Sci - Chemistry
May 57

48, 747

Investigation of the Equilibrium of Formation and
Dissociation of Calcium Carbide. Part 3. Forma-
tion of Calcium Carbide by the Reduction of Lime
with Carbon in the Solid State, by Y. Uraguchi,
p 4 pp.

JAPANESE, FOR, J. Chem Soc Japan Ind Chem Sect,
Vol LIII, No 2, 1950, pp 57, 58, C. A. Buehler,
1952, p 8478a.

ATS-98P2J

Sci

Aug 59

46
95,364

Investigation of the Equilibrium of Formation and
Dissociation of Calcium Carbide. Part 4. Formation
of Calcium Carbide by the Reduction of Lime with
Carbon in the Molten Stage, by Y. Uraguchi, 7 pp.

JAPANESE, par, J. Chem Soc Japan Ind Chem Sect, Vol
LIII, No 3, 1950, pp 101-103; C. A. Vol XLVI, 1952,
p8478d.

ATS-9472J

Sci

95, 365

Aug 59

†
Investigation of the Equilibrium of Formation and
Dissociation of Calcium Carbide. Part 5. Formation
of Calcium Carbide by the Reduction of Lime with
Carbon in an Upright Furnace, by Y. Uraguchi, 4 pp.

JAPANESE, per, J. Chem Soc Japan, Ind Chem Sec, Vol
LXXI, no 4, 1950, pp 143, 144, C. A. Vol XLVI, 1952,
p 9825r.

ATB-9772J

Bcl

95, 366

Aug 59

Studies Pertaining to the Calcium Carbide. Supplement 3. Thermal Decomposition and Formation of Calcium Carbide at Temperatures Below the Melting Point, by Y. Imoue, 7 pp.

Kogyo Kagaku Zasshi
JAPANESE, per, J. Chem Soc Japan Ind/Chem Sect, Vol LIII, pp 152-154, 1950.

Assoc Tech Serv 99F2J

Sci - Chem
Aug 58

70,500

The High Pressure Catalytic Hydrogenation of
Xylose. Pt 3. Studies on Pentosan Derivatives,
by J. Mizuguchi, M. Ohashi.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol LIII,
1950, pp 205-207, No 5.
ATS 52R78j

Sci-
Apr 67

323,059

The Separation of m-Cresol by Urea-
Addition, by Ichiro Anazawa, Yasu@
Yamamoto, 7 pp.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 53, No 7, 1950, pp 315-317.
SA Code-G34

136,319

Sci
Aug 67

Effect of Lithium Hydroxide on Nickel
Peroxiside Electrode, by Tatsuzo Okada,
Tatsuo Shiraiishi, Teruo Yasuhara, 1.0 pp.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 53, No 9, 1950, pp 378-379.
SA Code-G35

336, 208

Sci
Aug 67

Moisture Prevention of Hygroscopic Fertilizers. I.
Mixed Crystal Method and Double Salt Method, by S.
Kagai, T. Kanazawa.

JAPANESE, par, Chem Soc Japan Ind Chem Sec, Vol. LIII,
1950, pp 381-385.

INSDO:-T1455

Sci

95, 358

Aug 59

TT-63-20448

Kurihara, Yasuo, Miyabara, Kotaro, and Kurata,
Hakutaro.
POLAROGRAPHIC DETERMINATION OF GAMMA-BHC.
[1963] 7p (figs omitted) 4refs
Order from SLA \$1.10

TT-63-20448

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1950, v. 53,
p. 409-411. (Abstract available)

DESCRIPTORS: *Insecticides, *Hexachlorocyclohexanes,
*Polarographic analysis, Solvents, Ethanols, Elec-
trolytes, Sodium compounds, Impurities, Degradation.

The gamma-BHC content of commercial BHC prep-
arations may be determined with an accuracy of $\pm 1\%$
by the proposed polarographic method. Ethyl alcohol
and sodium chloride, used as the solvent and the in-
different electrolyte, respectively, are readily available
and inexpensive. Impurities present in commercial
(Chemistry--Analytical, TT, v. 11, no. 4) (over)

I. Kurihara, Y.
II. Miyabara, K.
III. Kurata, H.

K-H-2672

Office of Technical Services

Polarographic Determination of Gamma-BHC, by
Yasuo Kurihara and Kotaro Miyabara.
JAPANESE, per, Kogyo Kagaku Zasshi, 1950, vol. 53
pp. 409-411.
K-H-2759j

Chem
Aug 66

7
304,611

61-25452

Uchida, S. and Ito, Y.
A NEW METHOD OF SYNTHESIS OF SULFAMIC
ACID. Pt. 1 of Study of the Anhydrous Reaction Be-
tween Ammonia and Sulfur Trioxide. [1961] 6p.
Order from ATS \$9.00 ATS-40N54]

Trans. of Kogyo Kagaku Zasshi (Japan) 1950, v. 53,
no. 10, p. 423-425.

DESCRIPTORS: *Sulfamic acids, Synthesis, *Ammo-
nia, Sulfur compounds, Oxides, Exchange reactions,
Chemical reactions.

(Chemistry--Physical, TT, v. 7, no. 3)

I. Uchida, S.
II. Ito, Y.
III. Title: Study ...
IV. ATS-40N54]
V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

The Active Materials of the Alkaline Storage Cell.
V. The Effect of LiOH on the Nickel Peroxide
Electrode, by T. Okada, T. Shiraishi, T.
Yamuhara, 7 pp.

Kogyo Kagaku Zasshi
JAPANESE, per, J. Chem Soc, Vol LIII, 1950,
pp 578, 579.

S.L.A. Tr 57-251

Sci - Chemistry
May 57

48, 748

Studies on Active Substances in Alkali Cells:
6. Influence of Lithium Hydroxide on the Anode,
S. Okada, T. Shiraishi, T. Yasuhara.
Kogyo Kagaku Zasshi
JAPANESE, per, J. Chem Soc Japan, Vol LIV, 1951,
pp 16-18.

SA Code-436

TPA3/TIB
T 4427

29,346

Scientific - Chemistry
CTS 75/Dec 55

TT-62-28143

- I. Fujinawa, K.
- II. CNRS-VIII bis 308
- III. Centre National de la Recherche Scientifique, Paris.

Fujinawa, K.
ÉTUDES SUR LA VITESSE D'ABSORPTION DE O₂
PAR LES RÉACTIONS CHIMIQUES. I. ÉTUDE EX-
PÉRIMENTALES DE LA VITESSE D'ABSORPTION DE
O₂ PAR LA PYROGALLOL. II. CONSIDÉRATIONS
THÉORIQUES SUR LA VITESSE D'ABSORPTION DE
O₂ PAR LA PYROGALLOL. (The Absorption Rate of
Oxygen by Chemical Reactions. I. Experimental
Studies on the Absorption Rate of Oxygen by Pyrogallol
Solutions). 16p. (foreign text included). 4refs.
CNRS-VIII bis 308.

Order from OTS, ETC or CNRS 50.80 TT-62-28143

Trans. in French of Kogyo Kagaku Zasshi (Japan)
1951, v.54, no.1, p:31-34.

DESCRIPTORS: *Oxygen, *Adsorption, Benzenes,
Hydroxides, Phenols, Measurement, Theory.

(Chemistry--Physical, TT, v. 11, no. 7)

Office of Technical Services
European Translations Centre

Ishii, Yoshio.
PREPARATION OF ALPHA GLYCOLS FROM
OLEFINS BY PEROXIDE OXIDATION. [1963] 8p.

9 refs.

Order from SLA \$1.10

63-18284

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1961, v. 54,
p. 58-59.

DESCRIPTORS: *Glycols, Synthesis (Chemistry),
*Ethylenes, *Propenes, *Butenes, *Pentenes, *Cyclo-
hexenes, *Peroxides, Oxidation, Cyclohexanols,
Carboxylic acids.

Preparation of alpha glycols from olefinic hydrocarbons
via peracid oxidation was studied. Ethylene, isobutyl-
ene, and isopentylene yielded no glycol, and propylene
gave only a small amount. Butylene was easily oxidized.
Oxidation of cyclohexene by Karo acid, peracetic acid,
(Chemistry--Organic, TT, v. 10, no. 11) (over)

63-18284

1. Title: Cetene
2. Title: Octadecene
1. Ishii, Y.

Office of Technical Services

Studies on Lignin, III. The Molecular Weight
Distribution of Thioglignins, by H. Miyawa.

JAP, per, J. Chem Soc Japan Ind Chem Sect, Vol LIV,
1951, pp 150-152.

SHA

N.R.C.

Ref. C-2234

Sci

Aug 58

69, 814

TT-62-28730

Ohashi, K., Suzuki, S. and Ito, H.
MÉTHODE DE FABRICATION DE NICKEL-CARBONYL
LE PAR LA MÉTHODE DE REPPE. INFLUENCE DE
LA TEMPÉRATURE, DE LA CONCENTRATION, DE
LA PRESSION ETC. (Preparation of Nickel Carbonyl
by the Reppe Process. I. Influence of Temperature,
Concentration and Pressure). 12p. (foreign text in-
cluded) 3refs. CNRS-VI 196.
Order from OTS, ETC or CNRS \$1.60 TT-62-28730

Trans. in French of *Kogyo Kagaku Zasshi* (Japan)
1951, v.54, no.7, p.154-156.

DESCRIPTORS: *Nickel compounds, Carbonyl radi-
cals, Temperature, Pressure, Preparation, Organic
compounds.

(Chemistry--Organic, TT, v. 11, no. 9)

- I. Ohashi, K.
- II. Suzuki, S.
- III. Ito, H.
- IV. CNRS-VI 196
- V. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

Optimum Constituency in the Gas to be Used in the
Synthesis of Ammonia, by S.Kodama and K.Fukui.
JAPANESE, per, Kogyo Kagaku Zasshi, 1951, v. 54,
no. 2, pp. 157-159.
SLA-TT-64-20385

Eng
Aug 66

307,681

Fujinawa, K.
ÉTUDE DE LA VITESSE D'ABSORPTION DE O₂ PAR
LES RÉACTIONS CHIMIQUES. III. ÉTUDE DE LA
VITESSE D'ABSORPTION DE O₂ PAR DES SOLUTIONS
DE NA₂ S₂ O₄ (The Absorption Rate of Oxygen by
Chemical Reactions. III. Absorption Rate of Oxygen
by Sodium Dithionite Solution). 10p. (foreign text
included). CNRS-VIII bis 306.
Order from OTS, ETC or CNRS \$0.80 TT-62-28142

Trans. in French of Kogyo Kagaku Zasshi (Japan)
1951, v.54, no.2, p.160-161.

DESCRIPTORS: Sodium compounds, Sulfates, *Oxygen,
*Adsorption.

(Chemistry--Physical, TT, v. 11, no. 7)

TT-62-28142

- I. Fujinawa, K.
- II. CNRS-VIII bis 306
- III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Salts of Guanidurea and Guanidine as High-Grade
Chemical Fertilizers, by S. Nagai, T. Kanazawa,
7 pp.

JAPANESE, per, J Chem Soc Japan, Ind Chem Sect,
Vol LIV, 1951, pp 163-165.

SIA 57-2672

Sci
Aug 58

assessd by
EIS

70,372

(101) Studies on Furfural Derivatives Cleavage of
Tetrahydrofurfurylamine, by H. Sumitomo, Y. Yehama,
9 pp.

JAPANESE, per, J. Chem Soc Japan, Ind Chem, Sect 54,
1951, pp 199, 200.

SLA 58-160

Sci

Aug 59

93, 574

Kumada, Makoto and Tarana, Kimio.
ETHANOLYSIS OF TETRACHLOROSILICON AND
THE REACTION BETWEEN TETRAETHYLSILICATE
AND METHYL MAGNESIUM CHLORIDE. 7p (2 figs
omitted) 8refs
Order from SLA \$1.10

TT-64-16446

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1951, v. 54
[no. 3] p. 213-215.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-64-16446

I. Kumada, M.
II. Tarana, K.

Office of Technical Services

Studies on Lignin, V. Anomalous Phenomenon in
the Molecular Weight Distribution, by H. Mikawa,
and H. Okada.

JAP^{anese}, per, J. Chem Soc Japan Ind Chem Sect,
Vol LIV, 1951, pp 239-242.

Sci

Aug 58

69

N.R.C.

Ref. C - 2235

69, 816

61-25337

Uchida, S. and Ito, Y.
A METHOD FOR THE ANALYSIS OF REACTION
PRODUCTS FROM AMMONIA AND SULFUR TRI-
OXIDE. Pt. 2 of Study of the Anhydrous Reaction Be-
tween Ammonia and Sulfur Trioxide. [1961] 7p.
Order from ATS \$10.00 ATS-41N54J

Trans. of Kogyo Kagaku Zasshi (Japan) 1951, v. 54,
no. 4, p. 256-258.

DESCRIPTORS: *Sulfur compounds, *Ammonia,
Chemical reactions, *Oxides.

(Chemistry--Physical, TT, v. 7, no. 3)

I. Uchida, S.
II. Ito, Y.
III. Title: Study ...
IV. ATS-41N54J
V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Reactions of BaO-MO_2 System in the Solid State,
by T. Kubo, K. Shinriki, 7 pp.

Kogyo Vol LIV,
JAPANESE, per, ~~Nippon Kagaku Zasshi~~, 2nd rpt,
1951, pp 358-361.

BIA Tr 2054.

Sci - Chem

49,910

Jul 57

Tsuruta, T., Yoshikawa, C. and Oda, R.
ETUDE SUR LES DERIVES DES ALKANES I. SYN-
THESE DES CHLOROMETYL-ALKANES (Derivatives
of Alkanes. I. Synthesis of Chloromethyl Alkanes).
10p. 3refs. CNRS-VIII bis 298.
Order from OTS, ETC or CNRS \$0.80 TT-62-28132

Trans. in French of Kogyo Kagaku Zasshi (Japan),
1951, v.54, p.431-439

DESCRIPTORS: *Hydrocarbons, Aliphatic compounds,
Chemical reactions, *Formaldehyde, *Hydrochloric
acid, Chlorides, Methyl radicals.

TT-62-28132

I. Tsuruta, T.
II. Yoshikawa, C.
III. Oda, R.
IV. CNRS-VIII bis 298
V. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

(Chemistry--Organic, TT, v. 11, no. 7)

Suzuki, S., Ito, H. and others.
METHODE DE FABRICATION DE NI (CO)₄ PAR LA
METHODE DE REPPE. II. INFLUENCE DES IMPURE-
TES (Preparation of Nickel Carbonyl by the Reppe
Process. II. Influence of Impurities). 13p. (foreign
text included) 3refs. CNRS-VI 197.
Order from OTS, ETC or CNRS \$1.60 TT-62-28731

Trans. in French of Kogyo Kagaku Zasshi (Japan)
1951, v.54, no.8, p.511-513.

DESCRIPTORS: *Nickel compounds, *Carbonyl
radicals, Preparation, Impurities.

TT-62-28731

- I. Suzuki, S.
- II. Ito, H.
- III. CNRS-VI 197
- IV. Centre National de la Recher-
che Scientifique, Paris

(Chemistry--Organic, TT, v. 11, no. 9)

Office of Technical Services
European Translations Centre

Studies of the Reactions of Chloroalkyl
Ethers of Alcohols, Pts. 1-2,
by K. Teramura, 8 pp.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol LIV,
No 9, 1951, pp 604-607.
ATS-25R77j

Sci - Chem
Jul 66

305,848

Studies of High Polymers With a Thermobalance. I.
Some Vinyl Polymers, Crude Rubber and Rubber
Hydrochloride, by S. Tsuruta, et al.

JAPANESE, per, J. Chem Soc Japan, Ind Chem Sect,
Vol LIV, 1951, pp 524, 525.

ATS JJ-2052

Sci - Chem
Dec 59

104,051

Tsuchiya, T., and Kaneko, R.
UNSATURATED MATTER IN SPERMWHALE LIVER
FAT SUBSTANCE. Pt. 1. 7p. 2 refs. MTWL: 1076.
Order from OTS or ETC \$1.55 62-26027

Trans. of Kogyo Kagaku (Japan) 1951, v. 54, no. 9,
p. 592-594.

DESCRIPTORS: *Liver, *Fats, Cetacea, *Hydro-
carbon, Chemical analysis.

62-26027

- I. Tsuchiya, T.
- II. Kaneko, R.
- III. MTWL-1076.
- IV. Stichting Moellijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Studies on the Synthetic Resin of Hexamethylene
Tetramine Series, Part III. The Neutral Salt Effect in
the Decomposition of Hexamine With Acid, by S. Kambara,
H. Tada, 9 pp.

JAPANESE, per, Kogoyo Kagaku Zasshi, Vol LIV, 1951,
pp 599-601.

FDD/X-3935

Sci
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An Investigation of the Theoretical Rate of the Acid
Decomposition Reaction of Hexamine, by S. Kambara,
H. Tada, H. Kurumada, 8 pp.

1940 Kambara Tada
Japanese, per, Journal of the Chemical Society of Japan,
Vol LIV, 1951, pp 601-603.

FDD/X-3804

Sci - Chem
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Tannin in Seaweed, by T. Katayama, 3 pp.

JAPANESE, ^{per}Int. Chem. Soc. Japan, Ind. Chem. Sect.
Vol LIV, 1951, pp 603, 604.

S.L.A. Tr No 309/1955

Sci - Chemistry
Jan 1957 GTS/dex

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The Oxidation Reaction by Nitric Acid. Part V..
Effect of Chloride Ion on the Decomposition Velocity
of Nitrous Acid, by Y. Oishi, 3 pp.

JAPANESE, per. J. Chem Soc Japan [Ind Chem Sec, Vol
LIV, No 12, 1951, pp 747-750. C.A. Vol XLVII, No 16,
1953, pp 7870-7871.

ATE-41ERJ

Sci

Aug 59

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Catalyst for the Conversion of Carbon Monoxide,
by H. Uchida, 5 pp.

JAPANESE, per, J. Chem Soc Japan, Ind Chem
Sect, Vol LIV, 1951, pp 750-752.

SLA 57-2673

Sci
Aug 58

70,358

Synthesis of Green Dyestuffs and
Their Properties, by Hirotada Iida,
10 pp.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 54, No 12, 1951, pp 775-777.
SA Code-G37

336,337

Sci
Aug 67

Characteristics of Fluidized Particles. Part I.
On the Viscosity of Fluidized ϕ Powers, by J.
Furukawa, T. Omasa, 5 pp.

JAPANESE, per, J. Chem Soc Japan Ind Chem Sect,
Vol LIV, 1951, pp 798-800.

SLA Tr 57-2684

Sci
Aug 58

68,251

Characteristics of Fluidized Particles. Part III
Expansion of Fluidized Beds of Flowing Gases, by
J. Furukawa, T. Onoe, 9 pp.

JAPANESE, per, J. Chem Soc Japan Ind Chem Sect.
Vol LV, No 1, 1952, pp 3-6.

SLA Tr 57-2682

ATS 20D1J

Sci
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UCRL TV 739

CIA 909703v

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Effects of Triaxing Ring on the
Properties of the Eyes, by Hirofada
Iida, 8 pp.

JAPANESE, per, Kogyo Kagaku Zasshi,
Vol 55, No 1, pp 24-26.

SA Code-G38

336,336

Sci
Aug 67

Study of Polyvinyl Chloride. Pt. IV. The
Effect of Some Stabilisers on the Dehydro-
chlorination of PVC., by M. Ohta, 5 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LV,
No 1, 1952, pp 31-33.

Assoc Tech Serv
07/22/52

Sci - Chem
May 59
OTS, V. I, No 5

86,317

Chemical Reactions of $\text{BaCO}_3\text{-TiO}_2$ System in the Solid
State on the Process of Reaction, by T. Kubo, K
Shinriki, 9 pp.

JAPANESE, per, ^{Kayo} ~~Nihon~~ Kagaku Zasshi, Vol LV,
Feb 1952, pp 49-51. /3rd rpt, 1952,

SIA Tr 2050

Sci - Chem

49,903

Jul 57

Influence of the Terminal Group on the
Surface-Active Properties C_{12} -Compounds,
by J. Bolle, 10 pp.
FRENCH, per, Memorial des Services Chimiques
, Vol XXXVII, 1952, pp 75-83.
CFSTI TT-64-18445

Sci - Chem
Jul 66

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Yoshida, Hientaka and Hirakawa, Haruhiro
ON THE SYNTHESIS OF N-VINYLPHTHALIMIDE.
Rept. 7 of Studies on the Vinylamine System Synthetic
Resins. [1961] 7p. 3 refs.
Order from SLA \$1.10

61-10833

Trans. of Kogyo Kagaku Zasshi (Japan) 1952, v. 55,
no. 2, p. 83-84.

DESCRIPTORS: *Resins, Synthesis, Vinyl radicals,
Amines, *Phthalimides, Polymers.

(Materials--Plastics, TT, v. 6, no. 1)

61-10833

I. Yoshida, H.
II. Hirakawa, H.
III. Title Studies...

161613

Office of Technical Services

Syntheses of Acrylates With Nickel Carbonyl. I.
Method of Synthesis and Waste Gas, by K. Chachi,
et al.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol. LV,
1952, pp 120, 121.

ATS JF-1857

Sci - Chem

Jan 60

106,065

63-14157

Furukawa, Junji and Kimura, Teruko.
THERMOSTABILITY OF POLYVINYL CHLORIDE
RESINS. [1963] 7p. (figs. omitted) 3 refs.
Order from SLA \$1.10 63-14157

Trans. of [Kogyo Kagaku Zaasshi] (Japan) 1952, v. 55,
p. 133-134.

DESCRIPTORS: *Polyvinyl chloride, *Plastics,
Stability, Decomposition.

An investigation from the point of view of stabilizers
which prevent radical decomposition.

(Materials--Plastics, TT, v. 10, no. 2)

I. Furukawa, J.
II. Kimura, T.

Office of Technical Services

Studies on Propylene Chlorohydrin and Propylene Oxide.
PIS. III-IV. Reactions of Propylene Oxide With
Hydroxy Compounds; The Synthesis of Phenoxypipranols,
by M. Okawara.

JAPANESE, par, Kogyo Kagaku Zasshi, Vol LV, No 4,
1952, pp 219-221.

ELA 60-14139

Sci

169,066

Sep 61

Vol XII, No 9

Studies of Polyvinylglycol Acid Ethers. I.
Purification, by Masao Tobita, 6 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LV,
1952, pp 221-223.

CIA/FDD X-2740

Sci - Chem
Apr 58

61,934

(FDD 21200)

The Oil Characteristics of Lubricants. Reports 11-12:
The Rectifying Action Exhibited by Accumulated Layers
of Palmitic Acid and of Didodecyl Sebacate, by Toshio
Sakurai, Akira Furuzawa, 16 pp.

Full translation.

JAPANESE, no per, Kogyo Kagaku Zasshi, Vol LV, No 4,
prob Tokyo, Apr 1952, pp 245-249.

CIA/FDD/U-5935

FE - Japan
Sci - Physics, lubrication

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Tsuchiya, T., Kaneko, R., and Endo, T.
THE CHEMICAL STRUCTURE OF PRISTANE. Pt. 1.
8p. 11 refs. MTWL: 1075.
Order from OTS or ETC \$1.55 62-26026

Trans. of Kogyo Kagaku (Japan) 1952. v. 55, no. 4.
p. 249-251.

DESCRIPTORS: Sharks, *Zilver, *Oils, *Hydrocarbons,
Chemical analysis.

62-26026

- I. Tsuchiya, T.
- II. Kaneko, R.
- III. Endo, T.
- IV. MTWL-1075
- V. Stichting Moeilijk
Toegankelijke Wetenschap-
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Furfuryl Alcohol Resins

I. Initial Condensation Products of Furfuryl Alcohol, by Y. Hashihama and T. Shono, 6 pp.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 55,
1952, pp 260-262.

P911387667

AMC LA-TR-67-83

Sci-Chemistry

Feb 68

347,501

The Synthesis of Propylene Glycol Monoethers and
Their Properties, by M. Okawara.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LV, No 5,
1952, pp 273-275.

SLA 60-14139

Sci

Sep 61

Vol. III, No 9

169,067

Studies of Polyvinylglycol Acid Ethers. II.
Syntheses, by Masao ~~Fake~~ Tobita, 4 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LV, 1952,
pp 275, 276.

CIA/PDD X-2741

Sci - Chem
Apr 58

61,933

Studies on the Synthetic Resin of Hexamethylene-tetramine Series, Part V. The Effect of Formation and Ammonium Chloride on the Decomposition Reaction of Hexamine With Acid, by S. Kambera, H. Tada, 9 pp.

JAPANESE, per, Kogoyo Kagaku Zasshi, Vol LV, 1952, pp 360-362.

FDD/X-3935

Sci
Dec 59

Studies of High Polymers With a Thermobalance.
IV. Relation Between the Mean Degree of
Polymerization and Stability of Polyvinyl
Chloride, by S. Tsuruta, et al.

JAPANESE, per, J Chem Soc Japan, Ind Chem Sect,
Vol LV, 1952, pp 397, 398.

ATS JJ-2053

Sci - Chem
Dec 59

104,052

Ethylenimine. I. Addition Reaction
Products Between Ethylenimine and
Vinyl Compounds, by T. Yoshida, K. Naito.
JAPANESE, per, Kogyo Kagaku Zasshi,
Vol LV, 1952, No 7, pp 455-457.
D SLA TT 64-20956

Sci
May 67

327,193

Noda, Miyoshi and Imoto, Minoru.
ON THE STRUCTURE OF HYDROCHLORIC ACID-
ACIDIC ANILINE-FORMALIN RESINS. Rept. no. 6
of Studies on Aniline Resins. [1961] 7p. 9 refs.
Order from SLA mi\$1.80, ps\$1.80 61-10603

Trans. of Kogyo Kagaku Zasshi (Japan) 1952, v. 55,
no. 7, p. 485-487.

The detection and determination of free amino groups
in the resins confirmed the belief that formalin adds
onto the amino groups. (Lectured at the fourth annual
conference of the Chemical Society of Japan, on
April 8, 1951.)

(Materials--Plastics, TT, v. 5, no. 12)

61-10603

1. Anilines--Chemical
reactions
2. Formaldehyde--Chemical
reactions
3. Resins--Molecular
structure

- I. Noda, M.
- II. Imoto, M.
- III. Title: Studies...

148586

Office of Technical Services

Tezima, T., Hioshi, S. and others.
EXTRACTION PAR DESTILLATION. I. ÉQUILIBRE
ENTRE LES PHASES LIQUIDES ET GAZEUSES D'UN
SYSTÈME EAU-ACIDE ACÉTIQUE-ACIDE SULFU-
RIQUE (Extractive distillation. I. The Vapor-Liquid
Equilibrium of the system Water-HOAc-H₂SO₄)
13p. (Foreign text included) 12 refs. CNRS-VIII bis
509
Order from OTS, ETC or CNRS \$0.80 TT-62-28280

Trans. in French of Kogyo Kagaku Zasshi (Japan) 1952,
v. 55, no. 7, p. 492-494.
Other translations are available in English from ATS
\$10.00 as ATS-40P66j, 6p and from SLA \$1.60 as
TT-62-16184.

DESCRIPTORS: *Solvent extraction, Distilling plants,
Liquids, Gases, Phase studies, Water Acetic acids,
Sulfuric acids.

(Chemistry--Physical, TT, v. 11, no. 7)

TT-62-28280

- I. Tezima, T.
- II. Hioshi, S.
- III. CNRS-VIII bis 509
- IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Furfuryl Alcohol Resins
3. Reaction of Furfuryl Alcohol with Maleic
Anhydride, by T. Shono and Y. Hachihama, 8 pp.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 56,
1953, pp 259-261.
P911388967
ABU LA-TR-67-85

Sol-Chemistry
Feb 68

347,517

Average Molecular Weight and Room-Temperature
Curing of the Precondensate, by T. Shono and
Y. Hachihama, 7 pp.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 56,
1953, pp 724-726.
P911388667
AMC LA-TR-67-86

Sci-Chemistry
Feb 68

347,498

Calcium-Hydrogen System. I. The Rate of
Absorption of Hydrogen by Metallic Calcium, by
Y. Kawana.

JAPANESE, per, J. Chem Soc Japan, Pure Chem Sect,
Vol LXXI, No 10, 1950, pp 494-496.

ATS JJ-2044

Sci - Chem
Dec 59

104,059

Catalyst for the Conversion of Carbon Monoxide.
III, by E. Uchida, 5 pp.

JAPANESE, per, J Chem Soc Japan, Ind Chem Sect,
Vol LV, 1952, pp 521-522.

SIA 57-2083

Sci
Aug 58

70,359

Asahara, Teruzo and others.
THE STUDY OF α-OLEFINS. REPT. 6. THE DE-
HALOGENATION OF ALKYL HALIDES: THE HEAT
DECOMPOSITION OF BORIC ESTER. [31 Oct 62] [8p]
Order from SLA \$1.10 TT-64-14155

Trans. of Kogyo Kagaku Zasshi (Japan) 1952, v. 55,
p. 589-591. (Abstract available)

DESCRIPTORS: *Alkenes, Synthesis (Chemistry),
Halides, *Bromides, *Chlorides, *Boric acids,
Esters, Pyrolysis, Molecular isomerism.

In dehalogenating primary alkyl bromides and chlorides
the product collected is mainly α-olefine and some
γ-olefine by-product is obtained. In the synthesis of
dehalogenated compounds from primary alkyl bromides
and chlorides, alcoholic potash or NaOH in an alcoholic
solution will only give poor results. However, when
catalysts such as PbO, CaO, or pyridine is used excel-
(Chemistry--Organic, TT, v. 11, no. 11) (over)

TT-64-14155

- I. Asahara, T.
- II. Title: Dehalogenation...
- III. Title: Heat...

Office of Technical Services

Synthesis of Acrylic Esters by the Nickel Carbonyl
Method. II. On Reaction Conditions and Product
Formation, by S. Suzuki, S. Yonezawa, K. Uno, H. Ito,
6 pp.

JAPANESE, per, J. Chem Soc Japan Ind Chem Sect, Vol. LV,
No 9, 1952, pp 607-608.

NTS JJ-1859
SIA 57-1312

59,761

Sci - Chemistry
Mar 58

(309) Vinyl Acetate. Part 5. Utilization of Methyl Acetate and Sodium Acetate Produced as By-Products in the Manufacture of Polyvinyl Alcohol (PVA), by B. Takigawa, K. Goto, B. Sato, Y. Sato.

JAPANESE, per, J Chem Soc Japan, Ind Chem Sect, Vol IV, 1952, pp 650-652. C.A. 49, 1550e, 1955.

Assoc Tech Sv 3505J

Sci
Aug 58

70, 841

Furukawa, Kiyohisa and Oda, Ryohel.
A STUDY OF PHENYL GLYCIDYL ETHER. [1961]
[6]p. 2 refs.
Order from SLA \$1.10

61-20942

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1952, v. 55,
p. 673-674.

DESCRIPTORS: *Glycidyl ethers, Ethers, *Phenyl
radicals, Synthesis, Polymerization, Catalysts,
Catalysis, *Resins.

The synthesis and the subsequent polymerization of this
compound are reported

(Materials--Plastics, TT, v. 7, no. 9)

61-20942

I. Furukawa, K.
II. Oda, R.

Office of Technical Services

Syntheses of Acrylates With Nickel Carbonyl.
III. Reaction Conditions and Products, by
S. Suzuki, et al.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LV,
No 11, 1952, pp 718-720.

ATS JJ-1859

Sci - Chem

Jan 60

105,067

Studies on Hexamine-Phenol Resin, Part VI. The
Decomposition of Trimethyl-1,3,5-Triazo-Cyclohexane
With Acid, by H. Tada, 9 pp.

JAPANESE, per, Kogoyo Kagaku Zasshi, Vol LVI, 1953,
pp 88-90.

FDD/X-3935

Sci
Dec 59

TT-64-16039

Yoshida [Zen-ichi] and Oda, Ryohei].
SYNTHESIS OF ORGANIC FLUORESCENT COM-
POUNDS. PAPER 21. PREPARATION OF CYANURYL
CHLORIDE. [1964] 6p 11 refs
Order from SLA \$1.10

TT-64-16039

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1953, v. 56,
no. 2, p. 92-94.

I. Yoshida, Zen-ichi
II. Oda, R.
III. Title: Preparation...

(Chemistry--Organic, TT, v. 12, no. 3)

Office of Technical Services